

...NOVEMBER 2009 REGIONAL CLIMATE SUMMARY...

SUMMARY FOR THE SAN FRANCISCO BAY AREA AND MONTEREY BAY AREA...

NOVEMBER 2009 WAS A DRY MONTH...DOMINATED BY SUNNY AND MILD DAYS AND CLEAR AND COOL NIGHTS. HIGH PRESSURE WAS IN CONTROL FOR MOST OF THE MONTH. PLENTY OF DAYTIME SUNSHINE RESULTED IN SLIGHTLY ABOVE NORMAL HIGH TEMPERATURES FOR THE MAJORITY OF REPORTING LOCATIONS AROUND THE AREA. HOWEVER...LACK OF CLOUD COVER DURING THE LONG AUTUMN NIGHTS MEANT BELOW NORMAL OVERNIGHT LOWS FOR NEARLY ALL LOCATIONS.

THE RAIN YEAR BEGINS ON JULY 1ST...BUT TYPICALLY THE RAINY SEASON ACROSS NORTHERN AND CENTRAL CALIFORNIA DOESN'T GET UNDERWAY UNTIL NOVEMBER. THE START OF THE 2009-2010 RAINY SEASON HAS NOT BEEN TYPICAL. AFTER A MUCH WETTER THAN NORMAL OCTOBER (DUE PRIMARILY TO THE BIG STORM ON OCTOBER 13)...NOVEMBER WAS VERY DRY ACROSS THE REGION. THE ACTIVE STORM TRACK REMAINED WELL TO OUR NORTH AND DRY WEATHER PREVAILED AT OUR LATITUDE FOR THE MOST PART. THERE WERE FIVE LIGHT RAIN EVENTS SCATTERED THROUGHOUT THE MONTH AS WEAK WEATHER SYSTEMS MANAGED TO MAKE THEIR WAY SOUTH INTO OUR AREA BEFORE DISSIPATING. RAIN FELL ACROSS AT LEAST PORTIONS OF THE SAN FRANCISCO AND MONTEREY BAY AREAS ON THE 6TH...14TH...17TH...20TH...AND 27TH. RAINFALL AMOUNTS WERE LIGHT ON ALL OF THESE DAYS EXCEPT ON THE 20TH WHEN LOCALLY MODERATE AMOUNTS OF RAIN WERE RECORDED. RAINFALL ON THE FRIDAY AFTER THANKSGIVING (27TH) WAS CAUSED BY A COLD UPPER LOW THAT MOVED SOUTH THROUGH CALIFORNIA. MOISTURE WAS LIMITED WITH THIS WEATHER SYSTEM AND SO RAINFALL TOTALS THAT DAY WERE LIGHT. HOWEVER... THE UPPER LOW TRIGGERED ISOLATED THUNDERSTORMS OVER THE MOUNTAINS TO THE WEST OF THE SACRAMENTO VALLEY EARLY THAT AFTERNOON...AND THESE THUNDERSTORMS THEN MOVED SOUTH ACROSS NAPA COUNTY. BRISK NORTHERLY WINDS DEVELOPED IN THE WAKE OF THE NOVEMBER 27TH WEATHER SYSTEM. WIND GUSTS OF 40 TO 60 MPH OCCURRED ACROSS THE NORTH AND EAST BAY HILLS FROM LATE FRIDAY NIGHT THROUGH THE EARLY MORNING HOURS OF SUNDAY (29TH).

RAINFALL TOTALS FOR THE MONTH WERE GENERALLY ONLY ABOUT 10 TO 20 PERCENT OF NORMAL ACROSS THE SAN FRANCISCO BAY AREA (TO AS MUCH AS 30 PERCENT OF NORMAL IN THE EAST BAY). FARTHER SOUTH...ACROSS THE MONTEREY BAY AREA...NOVEMBER 2009 RAINFALL WAS EVEN MORE SCARCE... WITH MONTHLY TOTALS NOT EVEN REACHING 10 PERCENT OF NORMAL IN MOST LOCATIONS.

A STRENGTHENING EL NINO IN THE TROPICAL PACIFIC MAY HELP REVERSE THE RECENT DRY TREND...ESPECIALLY AS WE MOVE DEEPER INTO THE RAINY SEASON.

...NOVEMBER REGIONAL TEMPERATURE SUMMARY...

	DEPARTURE			DEPARTURE		
	AVG	NORMAL	FROM	AVG	NORMAL	FROM
LOCATION	HIGH	HIGH	NORMAL	LOW	LOW	NORMAL

NORTH BAY...

ANGWIN	M	59.0	M	M	41.7	M
FORT ROSS	M	61.6	M	M	43.1	M
HEALDSBURG	M	65.3	M	M	43.2	M
KENTFIELD	63.8	63.3	0.5	44.6	44.5	0.1
NAPA	M	65.1	M	M	42.9	M
PETALUMA	M	65.0	M	M	41.7	M
SAINT HELENA	65.0	65.2	-0.2	42.6	41.0	1.6
SAN RAFAEL	63.5	64.1	-0.6	44.8	45.7	-0.9
SANTA ROSA	67.5	65.1	2.4	39.6	42.6	-3.0
SONOMA	65.3	66.3	-1.0	39.4	40.7	-1.3

SAN FRANCISCO PENINSULA...

HALF MOON BAY	62.7	62.4	0.3	41.6	45.5	-3.9
PACIFICA	65.1	61.3	3.8	50.2	48.9	1.3
PALO ALTO	M	64.0	M	M	42.2	M
REDWOOD CITY	64.5	64.8	-0.3	42.2	43.7	-1.5
SAN FRANCISCO AIRPORT	64.6	62.5	2.1	48.6	47.5	1.1
SAN FRANCISCO DOWNTOWN	64.2	63.6	0.6	50.5	50.8	-0.3
WOODSIDE	M	66.5	M	M	39.8	M

EAST BAY...

BERKELEY	M	62.2	M	M	48.2	M
CONCORD	66.0	65.8	0.2	42.5	46.1	-3.6
FREMONT	64.6	65.1	-0.5	44.0	47.1	-3.1
LIVERMORE	65.1	65.1	0.0	40.4	41.8	-1.4
MARTINEZ	64.7	63.9	0.8	41.0	43.6	-2.6
MOUNT DIABLO JUNCTION	61.3	61.7	-0.4	45.5	43.6	1.9
NEWARK	65.1	64.1	1.0	46.3	47.1	-0.8
OAKLAND	66.0	63.9	2.1	47.8	49.5	-1.7
RICHMOND	M	64.4	M	M	47.8	M

SOUTH BAY AND SANTA CRUZ COUNTY...

BEN LOMOND	70.5	67.1	3.4	36.7	39.5	-2.8
GILROY	67.5	67.3	0.2	40.7	41.7	-1.0
LOS GATOS	63.7	64.6	-0.9	M	42.1	M
MOUNT HAMILTON	55.3	54.0	1.3	43.0	41.1	1.9
SAN JOSE	66.2	64.4	1.8	43.5	45.6	-2.1
SANTA CRUZ	67.4	65.0	2.4	41.6	43.1	-1.5
WATSONVILLE	69.0	65.8	3.2	41.3	42.5	-1.2

MONTEREY AND SAN BENITO COUNTIES...

BIG SUR STATION	M	65.3	M	M	45.8	M
CARMEL VALLEY	68.4	68.5	-0.1	40.0	42.7	-2.7
HOLLISTER	68.2	67.2	1.0	40.1	41.6	-1.5
KING CITY	70.3	68.6	1.7	37.8	38.7	-0.9
MONTEREY	63.5	64.6	-1.1	46.7	47.0	-0.3
PINNACLES NATIONAL						

MONUMENT	70.4	68.8	1.6	35.4	36.2	-0.8
SALINAS	69.0	67.3	1.7	40.4	44.3	-3.9

...NOVEMBER REGIONAL PRECIPITATION SUMMARY...

LOCATION	NOV TOTAL	AVERAGE NOV PRECIP	PERCENT OF NORMAL
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NORTH BAY...

ANGWIN	M	5.70	M
CALISTOGA	M	5.13	M
CLOVERDALE	M	6.07	M
FORT ROSS	1.53	5.35	29
HEALDSBURG	M	6.04	M
KENTFIELD	1.03	7.61	14
MUIR WOODS	1.01	6.02	17
NAPA	M	3.71	M
OCCIDENTAL	M	8.23	M
PETALUMA	M	3.60	M
SAINT HELENA	0.91	4.62	20
SAN RAFAEL	0.48	4.39	11
SANTA ROSA	1.05	4.27	25
SONOMA	0.45	4.22	11

SAN FRANCISCO PENINSULA...

HALF MOON BAY	0.44	3.49	13
PACIFICA	0.68	3.67	19
PALO ALTO	0.17	1.77	10
REDWOOD CITY	0.13	2.62	5
SAN FRANCISCO AIRPORT	0.20	2.56	8
SAN FRANCISCO DOWNTOWN	0.45	3.20	14
WOODSIDE	M	4.00	M

EAST BAY...

BERKELEY	0.97	3.72	26
CONCORD	0.53	2.00	27
FREMONT	0.47	1.69	28
LIVERMORE	0.21	1.75	12
MARTINEZ	0.64	2.59	25
MOUNT DIABLO JUNCTION	1.03	3.41	30
NEWARK	0.32	1.84	17
OAKLAND	0.51	3.24	16
RICHMOND	0.23	3.47	7

SOUTH BAY AND SANTA CRUZ COUNTY...

BEN LOMOND	0.37	6.34	6
GILROY	0.12	2.53	5
LOS GATOS	0.30	2.47	12
MOUNT HAMILTON	0.39	3.21	12
SAN JOSE	0.28	1.73	16
SANTA CRUZ	0.19	4.08	5
WATSONVILLE	0.09	3.00	3

MONTEREY AND SAN BENITO COUNTIES...

BIG SUR STATION	M	5.37	M
CARMEL VALLEY	0.29	2.06	14
HOLLISTER	0.04	1.87	2
KING CITY	0.09	1.27	7
MONTEREY	0.21	2.43	9
PINNACLES NATIONAL			
MONUMENT	0.11	1.72	6
SALINAS	0.25	1.85	14

...DAILY TEMPERATURE RECORDS FOR OCTOBER 2009...

DATE	LOCATION	RECORD LOW	OLD RECORD
11/21	OAKLAND AIRPORT	38	38 IN 1975

DATE	LOCATION	RECORD HIGH	OLD RECORD
11/29	SANTA ROSA	76	76 IN 1976
11/29	OAKLAND AIRPORT	71	71 IN 2008

...MONTHLY RANKS FOR DOWNTOWN SAN FRANCISCO...

AVERAGE HIGH TEMPERATURE.....64.2.....38TH WARMEST
 AVERAGE LOW TEMPERATURE.....50.5.....57TH COOLEST
 MONTHLY RAINFALL.....0.45 INCHES.....22ND DRIEST

NOTE: THIS CLIMATOLOGICAL DATA IS PRELIMINARY. FOR OFFICIAL
 CERTIFIED CLIMATOLOGICAL DATA PLEASE CONTACT THE NATIONAL
 CLIMATIC DATA CENTER AT 828-271-4800 OR <http://www.ncdc.noaa.gov>.
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